

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

**(19) World Intellectual Property Organization
International Bureau**



(43) International Publication Date
18 December 2003 (18.12.2003)

PCT

(10) International Publication Number
WO 03/104046 A1

- (51) **International Patent Classification⁷:** B60R 21/28

(21) **International Application Number:** PCT/SE03/00750

(22) **International Filing Date:** 5 May 2003 (05.05.2003)

(25) **Filing Language:** English

(26) **Publication Language:** English

(30) **Priority Data:**
0212921.1 5 June 2002 (05.06.2002) GB

(71) **Applicant (for all designated States except US):** AUTOLIV DEVELOPMENT AB [SE/SE]; S-447 83 Vårgårda (SE).

(72) **Inventor; and**

(75) **Inventor/Applicant (for US only):** ANDERSSON, Stefan [SE/SE]; Bäck Pl. 2262 Hemsjö, S-441 96 Alingsås (SE).

(74) **Agent:** MEULLER, Erik; Autoliv Development AB, S-448 83 Vårgårda (SE).

(81) **Designated States (national):** AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) **Designated States (regional):** ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— with international search report

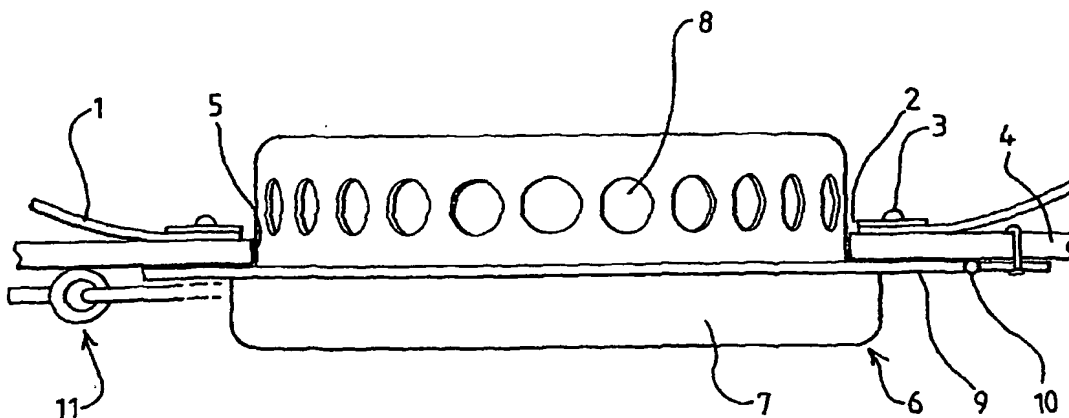
For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: IMPROVEMENTS IN OR RELATING TO AN AIR-BAG ARRANGEMENT



(57) Abstract: An air-bag arrangement includes an air-bag (1) and a gas generator (6) to supply gas to inflate the air-bag. The gas generator is hingedly (10) connected to a support (4) and is hingedly movable between a closed position in which the gas generator (6) extends across and closes an aperture and an open position in which the gas generator (6) is retracted to permit the flow of gas from the air-bag. The gas generator is initially retained in position by a retainer (11) the retainer being actuatable, in response to a signal, to enable the gas generator (6) to move hingedly to the open position.

WO 03/104046 A1